

WISCONSIN DEPARTMENT OF VETERANS AFFAIRS



Request for Architectural and Engineering Services

Audio Visual Security System Installation Wisconsin Veterans Home - King

July 2014

DFD Project No. 14L4P

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Project Background and Purpose

The Wisconsin Veterans Home at King (Home) serves the long term care needs of 721 aged and disabled veterans and their eligible dependents. The Home was established in 1887 by the Grand Army of the Republic. The Home has grown and developed over the past 127 years.

The campus has 4 skilled nursing buildings, an activities building and an underground tunnel system connecting all of them. Buildings on the King campus are not locked so that members and staff may safely reenter. Since there is a history of people getting caught outside in harsh weather, the doors will not be locked in the future. The decision was made to allow the doors to remain passible, since locking the doors has led to people being trapped in situations they were unable to get out of themselves.

Various incidents are reported on the campus and involve medical checks, personal welfare checks, trespassing, theft, property damage, and/or a suspicious/intoxicated person wandering the campus or entering the nursing care buildings. These calls vary depending on the time of day and year, but average about 20 calls per month. A comprehensive camera and two-way communication system tied to the Safety and Security building will provide the technology for staff to monitor residents and visitors and respond timely to incidents. The cameras will provide and assist the teams in creating timelines, videos, and photos that can be used as evidence in support of a criminal or non-criminal case.

Cameras basically will allow early detection and intervention. In addition to security, the cameras are also important to the safety of members. Nursing care buildings average about 20 to 25 calls per month. Incidents reported at the nursing care buildings include missing members, response to a member with special needs, elopement, medical calls involving both residents and non-residents, and family and member disturbances. A Member Freedom system is currently in place to track members with special needs like dementia, but cameras will allow staff to catch issues quicker and respond to needs more easily. This system will cut down response times, which will benefit both members needing assistance and staff burdened with another task at the time of the incident, allowing them to more quickly return to whatever they were doing. This portion of the project will not replace the Member Freedom system, but be an enhancement by helping staff in identifying members and in knowing exactly where the members are if members have eloped.

Project Description

This campus-wide project will install 32 new security cameras across campus, four two-way communication control devices and access controlled door hardware with electronic locks at the entrance doors to the 4 skilled nursing buildings. The 32 cameras will cover entrances and lobbies of the 4 skilled nursing buildings, the park, sea wall dock, Marden Activities Center and the underground tunnel system. A dispatch desk in the Safety and Security building will have the ability to monitor and record all cameras and communication. In addition, the nurse stations in each of the four skilled nursing buildings will have the ability to communicate and monitor their own building. The project will include purchasing and

installing all cameras, call boxes, access controlled door hardware, hard drives, switches, monitors, network cabling, and licenses to operate the system. Some analog cameras such as the ones located at the pharmacy in MacArthur Hall will be replaced with digital systems that will be compatible with the new security system. All systems will be upgraded to communicate with the centralized Safety and Security Building.

Design will be focused on high traffic areas like the underground tunnel system which is utilized by members campus-wide and on areas where members are in greater need for security. The tunnel system specifically has had multiple incidents involving missing members, member disturbance, and medical calls. These incidents range from the need for little man power to needing the assistance of the sheriff's department. Most of the time, people go unnoticed until someone walks by or hears a call for assistance. Cameras will allow security to observe the area and respond appropriately within a shorter amount of time than current operations. Note, the tunnel system is open to the public and cameras will also allow better monitoring of the area.

Scope of Services

All services shall be in accordance with DSF's "[**POLICY AND PROCEDURE MANUAL FOR ARCHITECTS/ENGINEERS & CONSULTANTS**](#)" (Version in effect at the time of execution of the AE Professional Services Agreement.).

Scope and Deliverables:

Design and Construction Documents

- Develop design and construction drawings and specifications for the design and construction of an audio/visual security system employing cameras and two-way communication boxes integrated into a monitoring system at the Fire and Security building and the nurses' stations in each skilled nursing building.

Design and Construction Documents

- Develop construction drawings and specifications for review at Preliminary and Final design stages. Copies of each review set will be provided concurrently to DFD, USDVA and WDVA for their review and approval.

Construction Oversight

- The consulting team shall provide construction oversight and administration services for the Audio/Visual Security System.

Consultant Qualifications

The consulting team should have experience within the last 5 years in the design and construction of an audio/visual security system. A/E's should clarify this experience in their letter of interest by describing the project scope, size, construction value, date completed. A/E's should also indicate, where possible, Prime and sub-consultant team members, and the experience of sub-consultants with similar projects.

Proposed Project Schedule

AE Selection	Jul 2014
SBC Action	Nov 2014
Bid Opening	Jan 2015
Construction Start	Mar 2015
Substantial Completion	Jun 2015

Preliminary Project Budget

Construction	
Contingency	
AE	
DFD Fees	
Equipment	
Total Preliminary Project Budget	<hr/> \$305,580

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